

## RAYCHEM DEADBREAK CONNECTING PLUG

600/900 Amp 15/28-35 kV CLASS

### KEY FEATURES

- 15/28 kV or 35 kV, 600 or 900A ratings available
- Available in 150 kV or 200 kV BIL-rated designs
- Fully submersible
- Industry standard 5/8"-11 threaded stud used for electrical connection
- Available in either aluminum or copper
- Conforms to ANSI/IEEE standard 386
- 35 kV 200 BIL available upon request

TE Connectivity's (TE's) Raychem 600/900A deadbreak connecting plug is available in both 15/28 kV and 35 kV class versions.

The connecting plug is meant to connect two or more 600/900A deadbreak elbows. Typical applications are as a separable cable splice, circuit reconfiguration, or as an expandable, submersible junction.

900A ratings are achieved by ordering the copper version, but require copper cable and other copper constructed components.

A fully shielded, submersible connection is offered with conformance to IEEE standard 386. These standoff plugs are therefore interchangeable with other manufacturer's product that also comply with this standard.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

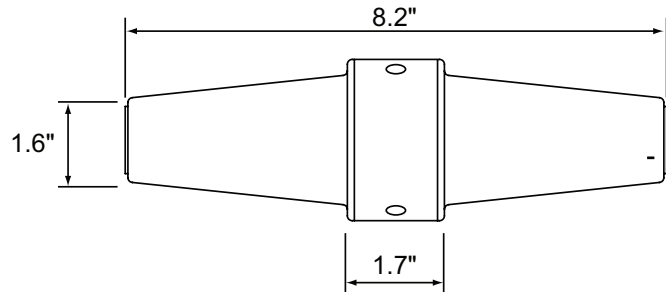
## Raychem Deadbreak Connecting Plug



### Ratings

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| Voltage Class 15/28 kV   |
| Max Rating Phase-to-Ground 16.2 kV   |
| Max Rating Phase-to-Phase 28 kV  |
| AC 1 Minute Withstand 45 kV  |
| DC 15 Minute Withstand 88 kV   |
| BIL and Full Wave Crest 140 kV   |
| Minimum Corona Level 21.5 kV (3pC)   |
| Continuous 600/900A rms  |
| 24 Hour Overload 1,000A rms  |
| Momentary:<br>600A 25,000 A symmetrical 10 cycles<br>600A 10,000 A symmetrical 3.00 sec<br>900A 40,000 A symmetrical 10 cycles<br>900A 10,000 A symmetrical 3.00 sec |
| <b>100% Production Test</b>  |
| Minimum Corona Level 21.5 kV (3pC)   |
| AC 1 Minute Withstand 45 kV  |

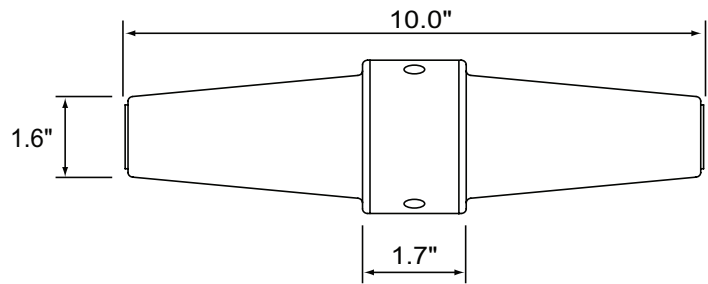
### 15/28 kV Deadbreak Connecting Plug



### Ratings

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| Voltage Class 35 kV  |
| Max Rating Phase-to-Ground 21.1 kV   |
| Max Rating Phase-to-Ground 36.6 kV   |
| AC 1 Minute Withstand 50 kV  |
| DC 15 Minute Withstand 103 kV  |
| BIL and Full Wave Crest 150 kV or 200 kV*  |
| Minimum Corona Level 26 kV (3pC)   |
| Continuous 600/900A rms  |
| 24 Hour Overload 1,000A rms  |
| Momentary:<br>600A 25,000 A symmetrical 10 cycles<br>600A 10,000 A symmetrical 3.00 sec<br>900A 40,000 A symmetrical 10 cycles<br>900A 10,000 A symmetrical 3.00 sec |
| <b>100% Production Test</b>  |
| Minimum Corona Level 26 kV (3pC)   |
| AC 1 Minute Withstand 50 kV  |

### 35 kV Deadbreak Connecting Plug



### Product Selection Information

| Description         | Voltage Class | Current Rating | Product Name                       |
|---------------------|---------------|----------------|------------------------------------|
| ELB-15/28-600-CP-AL | 15/28 kV      | 600            | Aluminum Deadbreak Connecting Plug |
| ELB-35-600-CP-AL*   | 35 kV         | 600            | Aluminum Deadbreak Connecting Plug |
| ELB-15/28-900-CP-CU | 15/28 kV      | 900            | Copper Deadbreak Connecting Plug   |
| ELB-35-900-CP-CU*   | 35 kV         | 900            | Copper Deadbreak Connecting Plug   |

\*Ordering Note: Add "-200" to the end of the part description to order 200 kV BIL-rated 35 kV connecting plug

### Related Test Reports:

EDR-5511

### te.com/energy

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